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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

JULY 31, 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: September 18, 1987

SPI

CRS

SECTION I

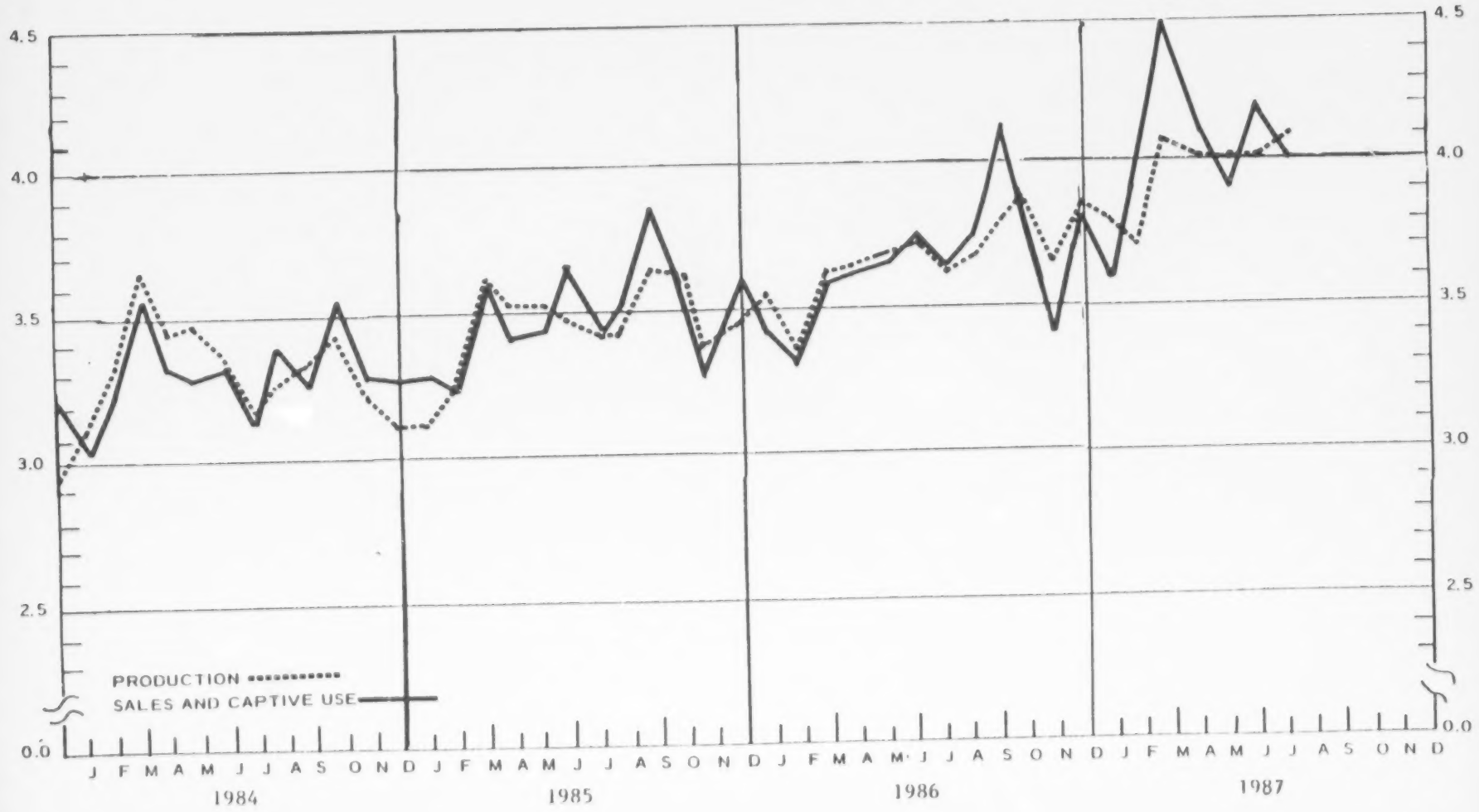
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

JULY 1987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PRODUCTION
SALES AND CAPTIVE USE
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Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

JULY 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,740	31,083	+5.3	244,963	222,403	+10.1	36,949	34,616	+6.7	248,589	232,230	+7.0
POLYESTER (UNSATURATED) RESINS, TOTAL	108,765	104,884	+3.7	802,459R	754,158	+6.4	111,948	104,965	+6.7	805,009R	755,637	+6.5
UREA RESINS, TOTAL	109,988	98,965	+11.1	788,108	720,836	+9.3	109,316	99,243	+10.1	796,982	724,461	+10.0
MELAMINE RESINS, TOTAL	15,796	15,521	+1.8	115,663	110,269	+4.9	16,745	12,151	+37.8	122,239	100,864	+21.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	245,409	234,967	+4.4	1,666,829	1,613,669	+3.3	241,041	226,790	+6.3	1,655,940R	1,583,603	+4.6
THERMOSETTING RESINS, TOTAL	512,698	485,420	+5.6	3,618,022R	3,421,335	+5.7	515,999	477,765	+8.0	3,628,759R	3,396,795	+6.8
LOW DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	779,291	803,219	-3.0	5,564,109R	5,010,365	+11.1	824,386	727,823	+13.3	5,551,112R	5,173,919	+7.3
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	713,647	587,740	+21.4	4,646,691R	3,940,414	+17.9	698,394	599,669	+16.5	4,482,311R	4,083,593	+9.8
POLYPROPYLENE, TOTAL	535,848	477,758	+12.2	3,749,849	3,248,358	+15.4	575,069	469,771	+22.4	3,703,996R	3,294,368	+12.4
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	88,971	78,355	+13.5	706,116	606,705	+16.4	97,182	75,823	+28.2	686,585	615,572	+11.5
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,554	5,986	+42.9	64,117	45,173	+41.9	10,166	5,749	+76.8	73,865	49,234	+50.0
POLYSTYRENE RESINS, TOTAL	368,879	357,298	+3.2	2,858,857	2,561,420	+11.6	392,196	383,437	+2.3	2,751,517	2,523,237	+9.0
STYRENE BASED LATEXES, TOTAL **	81,871	70,619	+15.9	562,281	492,376	+14.2	65,174	63,626	+2.4	518,998	463,944	+11.9
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,105	25,597	-13.6	158,522	165,365	-4.1	23,666	27,397	-13.6	157,300	161,607	-2.7
NYLON RESINS, TOTAL	37,793	34,060	+11.0	291,866	259,495	+12.5	42,558	39,592	+7.5	296,532	276,304	+7.3
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	667,765	571,525	+16.8	4,654,606R	4,203,909	+10.7	661,362	591,151	+11.9	4,556,363R	4,152,234	+9.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,218	57,164	-1.7	415,917	411,781	+1.0	* 56,218	* 57,164	-1.7	* 415,917	* 411,781	+1.0
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	17,087	15,764	+8.4	117,416	112,512	+4.4	17,875	14,307	+24.9	126,590	118,236	+7.1
THERMOPLASTIC POLYESTER, TOTAL	133,461	99,556	+34.1	800,633	651,950	+22.8	119,796	100,584	+19.1	803,703	656,904	+22.3
THERMOPLASTIC RESINS, TOTAL	3,511,490	3,184,691	+10.3	24,590,985R	21,709,823	+13.3	3,584,042	3,156,093	+13.6	24,124,789R	21,980,933	+9.8
GRAND TOTAL	4,024,188	3,670,111	+9.6	28,209,007R	25,131,158	+12.2	4,100,041	3,633,858	+12.8	27,753,548R	25,377,728	+9.4

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

= Includes imputed data

(4)= The publishing of PVOH data is temporarily suspended.

** = Sales and Captive Use figures include some Canadian produced material.

R = Revision

D = Disclosure

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOSETTING RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	32,740	31,083	+ 5.3	244,961	222,403	+10.1	36,949	34,616	+ 6.7	248,589	232,230	+ 7.0
Total Exports	6,041	4,797	+25.9	44,685	31,223	+43.1						
Captive Use, Total	1,051	977	+ 7.6	7,611	7,580	+ 0.4						
Domestic Sales, Total	25,648	25,309	+ 1.3	192,667	183,600	+ 4.9						
Domestic Sales & Captive Use, Total	26,699	26,286	+ 1.6	200,278	191,180	+ 4.8						
Bonding & Adhesives	1,514	1,612	- 6.1	12,387	11,529	+ 7.4						
Flooring, Paving & Exposed Aggregate	1,468	2,030	-27.7	11,860	11,716	+ 1.2						
Protective Coatings	13,754	13,777	- 0.2	101,108	95,982	+ 5.3						
Fiber Reinforced Laminates & Composites, Total	4,908	4,898	+ 0.2	41,579	41,741	- 0.4						
FRL&C for Printed Wiring Board	3,252	3,339	- 2.6	29,497	28,265	+ 4.4						
All Other FRL&C	1,656	1,559	+ 6.2	12,082	13,476	-10.3						
Tooling, Casting & Molding Resins	2,142	1,803	+18.8	14,052	13,481	+ 4.2						
All Other Uses	2,913	2,166	+34.5	19,292	16,731	+15.3						
POLYESTER (UNSATURATED) RESINS, TOTAL	108,765	104,884	+ 3.7	802,459R	754,158	+ 6.4	111,948	104,965	+ 6.7	805,009R	755,637	+ 6.5
Total Exports	851	919	- 7.4	4,777	5,898	-19.0						
Total Domestic	107,914	103,965	+ 3.8	797,682R	748,260	+ 6.6						
General Purpose Resins, Total	94,493	89,666	+ 5.4	695,190R	647,907	+ 7.3						
General Purpose - Thixotropic	42,260	40,759	+ 3.7	312,290R	284,898	+ 9.6						
General Purpose - Press Molding	9,584	9,622	- 0.4	86,102	91,752	- 6.2						
General Purpose - All Other	42,649	39,285	+ 8.6	296,798R	271,257	+ 9.4						
Flame Retardant Resins	2,523	2,004	+25.9	16,404	14,822	+10.7						
Chemical Resistant Resins	10,898	12,295	-11.4	86,088	85,531	+ 0.7						
Chemical Resistant Isophthalic Resins	8,635	10,262	-15.9	67,213	69,507	- 3.3						
All Other Chemical Resistant Resins	2,263	2,033	+11.3	18,875	16,024	+17.8						
Reinforced Plastics, Total	81,026	76,713	+ 5.6	608,472R	566,716	+ 7.4						
Non-Reinforced Plastics, Total	26,888	27,252	- 1.3	189,210R	181,544	+ 4.2						

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R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING RESINS (In thousands of pounds, dry weight basis)(1) JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	109,988	98,965	+ 11.1	788,108	720,836	+ 9.3	109,316	99,243	+10.1	796,982	724,461	+10.0
MELAMINE RESINS, TOTAL	15,796	15,521	+ 1.8	115,663	110,269	+ 4.9	16,745	12,151	+37.8	122,239	100,864	+21.2
UREA & MELAMINE RESINS, TOTAL	125,784	114,486	+ 9.9	903,771	831,105	+ 8.7	126,061	111,394	+13.2	919,221	825,325	+11.4
Total Exports	D	D		D	D							
Total Domestic*	125,784	114,486	+ 9.9	903,771	831,105	+ 8.7						
Textile Treating & Coating Resins	1,254	1,110	+ 13.0	13,557	10,923	+ 24.1	1,505	1,739	-13.5	15,846	14,899	+6.4
Paper Treating & Coating Resins	6,776	8,487	- 20.2	53,063	58,633	- 9.5	6,993	8,582	-18.5	53,898	59,253	-9.0
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	98,684	88,455	+ 11.6	706,156	642,110	+ 10.0	98,263	88,087	+11.6	705,089	639,081	+10.3
Laminating	4,071	3,645	+ 11.7	28,987	25,019	+ 15.9	3,934	3,247	+21.2	27,942	23,298	+19.9
Plywood	4,724	5,684	- 16.9	37,682	35,107	+ 7.3	4,673	5,733	-18.5	37,990	35,442	+ 7.2
Fibrous & Granulated Wood (Particle Board)	89,889	79,126	+ 13.6	639,487	581,984	+ 9.9	89,656	79,107	+13.3	639,157	580,341	+10.1
Protective Coatings (Straight & Modified)	8,641	8,530	+ 1.3	64,261	60,944	+ 5.4	9,633	6,752	+42.7	83,437	60,266	+38.4
All Other Uses (Includes Molding Compounds, and Exports)	10,429	7,904	+ 31.9	66,734	58,495	+ 14.1	9,667	6,234	+55.1	60,951	51,826	+17.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	245,409	234,967	+ 4.4	1,666,829	1,613,669	+ 3.3	241,041	226,790	+6.3	1,655,940 R	1,583,603	+4.6
Total Exports	1,275	1,059	+ 20.4	10,457R	8,347	+ 25.3						
Total Domestic	244,134	233,908	+ 4.4	1,656,372R	1,605,322	+ 3.2						
Molding Compounds	13,481	14,262	- 5.5	118,068R	118,721	- 0.6	10,733	10,884	-1.4	122,420	121,730	+0.6
Bonding & Adhesive Resins for:	223,064	216,266	+ 3.1	1,490,088	1,462,607	+ 1.9	222,388	212,955	+4.4	1,483,634R	1,437,161	+3.2
Laminating	15,118	16,306	- 7.3	113,881	119,535	- 4.7	14,950	13,882	+7.7	106,676R	99,829	+6.9
Coated & Bonded Abrasives	1,218	1,197	+ 1.8	10,608	10,783	- 1.6	1,225	1,204	+1.7	10,666	10,828	-1.5
Friction Materials	2,200	2,242	- 1.9	19,481	17,014	+ 14.5	2,126	1,757	+21.0	18,790	16,528	+13.7
Insulation Materials	37,100	35,711	+ 3.9	237,487	242,552	- 2.1	37,119	35,517	+4.5	238,191	235,393	+1.2
Foundry & Shell Molding	3,415	2,954	+ 15.6	25,763	25,471	+ 1.1	3,503	3,001	+16.7	25,707	25,257	+1.8
Plywood	138,430	128,894	+ 7.4	911,284	839,819	+ 8.5	137,946	129,116	+6.8	912,106	840,483	+8.5
Fibrous & Granulated Wood	22,008	21,583	+ 2.0	142,226	149,280	- 4.7	21,843	22,433	-2.6	141,766	151,107	-6.2
Resins Sold to Rubber Industry	1,269	2,526	- 49.8	9,870	18,234	- 45.9	1,437	1,404	+2.4	10,260	17,505	-41.4
All Other	2,306	4,853	- 52.5	19,488	39,919	- 51.2	2,239	4,641	-51.8	19,472	40,231	-51.6
Protective Coatings – Unmodified & Modified	2,825	1,842	+ 53.4	14,996	12,850	+ 16.7	2,813	1,811	+55.3	15,035	12,700	+18.4
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,764	1,538	+209.8	33,220	11,144	+198.1	5,107	1,140	+348.0	34,851	12,012	+190.1

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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D = Disclosure

R = Revision

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	779,291	803,219	-3.0	5,564,109R	5,010,365	+11.1	824,386	727,823	+13.3	5,551,112R	5,173,919	+7.3
Total Exports	90,261	81,421	+10.9	599,508R	541,392	+10.7						
Total Domestic	689,030	721,798	-4.5	4,964,601R	4,468,973	+11.1						
Film (12 Mils & Below)	427,706	443,122	-3.5	3,042,100	2,671,839	+13.9						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	55,669	53,416	+4.2	394,889R	339,492	+16.3						
Wire & Cable	24,874	32,306	-23.0	200,284	199,150	+0.6						
Extrusion Coating	60,420	56,620	+6.7	439,005R	389,811	+12.6						
Blow Molding	4,132	3,424	+20.7	29,190	24,615	+18.6						
Pipe & Conduit, Total	2,920	2,669	+9.4	19,303	19,742	-2.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	10,190	10,645	-4.3	78,208	66,880	+16.9						
Resellers & Compounders	49,117	59,556	-17.5	346,353	353,921	-2.1						
All Other Uses	54,002	60,040	-10.1	415,269R	403,523	+2.9						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	713,647	587,740	+21.4	4,646,691	3,940,414	+17.9	698,194	599,669	+16.5	4,482,311R	4,083,593	+9.8
Total Exports	85,567	69,185	+23.7	532,105	519,106	+2.5						
Total Domestic	628,080	518,555	+21.1	4,114,586	3,421,308	+20.3						
Film (12 Mils & Below)	56,918	37,753	+50.8	342,876	264,420	+29.7						
Sheet (Over 12 Mils)	18,022	16,970	+6.2	129,376	100,121	+29.2						
Injection Molding	150,685	137,308	+9.7	1,041,868	869,971	+19.8						
Wire & Cable	7,155	11,084	-35.4	69,798	71,114	-1.9						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	248,970	202,074	+23.2	1,601,834	1,337,931	+19.7						
Pipe & Conduit, Total	53,641	37,347	+43.6	348,090	249,987	+39.2						
Corrugated Pipe & Conduit	9,960	11,386	-12.5	90,621	84,186	+7.6						
Non-Corrugated Pipe & Conduit	43,681	25,961	+68.3	257,469	165,801	+55.3						
Other Extruded Products	5,641	3,453	+63.4	32,997	26,318	+25.4						
Resellers & Compounders	54,328	48,036	+13.1	328,712	304,956	+7.8						
All Other Uses	32,720	24,530	+33.4	219,035	196,490	+11.5						

(2) = Included in Other Extruded Products
(3) = Included in Film

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D = Disclosure
R = Revision

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR TO DATE			JULY			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	535,868	477,758	+ 12.2	3,749,849	3,248,358	+ 15.4	575,069	469,771	+22.4	3,701,996R	3,294,368	+12.4
Total Exports	102,692	106,133	- 3.2	699,487	621,957	+ 12.5						
Total Domestic	433,156	371,625	+ 16.6	3,050,362	2,626,401	+ 16.1						
Injection Molding	124,538	95,776	+ 30.0	907,953	737,345	+ 23.1						
Appliances	10,086	9,655	+ 4.5	83,995	73,724	+ 13.9						
Consumer Products	37,198	23,000	+ 62.6	237,315	181,413	+ 30.8						
Rigid Packaging	37,527	32,349	+ 16.0	284,680	252,239	+ 12.9						
Transportation	22,577	20,841	+ 8.3	182,647	167,860	+ 8.8						
All Other Injection Molding	16,950	9,931	+ 70.7	119,316	62,109	+ 92.1						
Blow Molding	8,775	9,120	- 3.8	68,688	61,552	+ 11.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	47,299	40,192	+ 17.7	318,223	293,529	+ 8.4						
Sheet (Over 10 Mils)	8,364	3,570	+134.3	48,361	21,326	+126.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	144,859	126,727	+ 14.3	984,689	828,557	+18.8						
Textile Applications	139,919	114,403	+ 22.3	934,777	756,583	+ 23.0						
Non Textile Monofilaments	4,940	12,324	- 59.9	49,912	68,674	- 27.3						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,093	7,960	+ 14.2	72,134	51,621	+ 39.7						
Resellers & Compounders	88,879	72,767	+ 22.1	621,764	545,144	+ 14.1						
All Other Uses	1,349	15,513	- 91.3	28,550	87,327	- 67.3						

- Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE STYRENE (ABS) RESINS, TOTAL	88,971	78,355	+13.5	706,116	606,705	+ 16.4	97,182	75,823	+28.2	686,585	615,572	+11.5
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE ACRYLONITRILE (SAN) RESINS, TOTAL	8,554	5,986	+42.9	64,117	45,173	+41.9	10,166	5,749	+76.8	73,865	49,234	+50.0
Total Exports	3,916	147	+2,563.9	14,895	3,701	+302.5						
Total Domestic	4,638	5,839	-20.6	49,222	41,472	+ 18.7						
POLYSTYRENE RESINS, TOTAL	168,879	357,298	+ 3.2	2,858,857	2,561,420	+ 11.6	192,196	383,437	+ 2.1	2,751,517	2,523,237	+ 9.0
Straight Polystyrene	203,176	200,605	+ 1.3	1,522,334	1,339,925	+ 13.6	212,251	217,056	- 2.2	1,465,254	1,349,062	+ 8.6
Rubber-Modified Polystyrene	165,703	156,693	+ 5.8	1,336,523	1,221,495	+ 9.4	179,945	166,381	+ 8.2	1,286,263	1,174,175	+ 9.5
Total Exports	8,373	10,031	-16.5	65,651	64,216	+ 2.2						
Straight Polystyrene	5,618	8,081	-30.5	45,502	41,132	+ 10.6						
Rubber Modified Polystyrene	2,755	1,950	+41.3	20,149	23,084	- 12.7						
Total Domestic	160,506	347,267	+ 3.8	2,793,206	2,497,204	+ 11.9						
Molding	135,140	112,114	+20.5	1,072,520	877,717	+ 22.2						
Extrusion	168,380	164,074	+ 2.6	1,257,396	1,127,280	+ 11.5						
Expandable Polystyrene Beads	18,081	43,360	-12.2	303,849	278,454	+ 9.1						
All Other Uses	18,905	27,719	-31.8	159,441	213,753	- 25.4						
Polystyrene End Uses, Total**	160,506	347,267	+ 3.8	2,793,206	2,497,204	+ 11.9						
Packaging	96,927	89,041	+ 8.9	750,730	610,583	+ 23.0						
Disposables	60,314	49,775	+21.2	449,774	326,724	+ 37.7						
Consumer and Institutional Products	55,998	48,934	+14.4	451,735	331,563	+ 16.2						
Electrical/Electronics	36,289	29,087	+24.8	285,562	221,803	+ 28.7						
Furniture, Furnishings, Building & Construction	20,668	19,858	+ 4.1	139,790	128,738	+ 8.6						
Expandable Polystyrene Beads	18,081	43,360	-12.2	303,849	278,454	+ 9.1						
Resellers and Compounders	28,739	42,352	-32.1	240,569	284,298	- 15.4						
All Other End Uses	23,490	24,860	- 5.5	171,197	315,041	- 45.7						

** - Portions of the End Use Section are estimated.

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL ***	81,871	70,619	+ 15.9	562,281	492,376	+14.2	65,174	63,626	+2.4	518,998	463,944	+11.9
Paper Treating	1,920	4,778	- 59.8	27,820	31,780	-12.5						
Textile Treating	1,881	1,454	+ 29.4	7,598	11,264	-32.5						
Carpet Backing	30,284	26,843	+ 12.8	215,575	176,635	+22.0						
All Other Uses (Including Exports & Paper Coating)	47,786	37,544	+ 27.3	311,288	272,697	+14.2						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	22,105	25,597	- 13.6	158,527	165,365	- 4.1	23,666	27,397	-13.6	157,300	161,607	- 2.7
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	37,793	34,060	+ 11.0	291,866	259,495	+12.5	42,558	39,592	+7.5	296,532	276,304	+ 7.3
Total Exports	4,956	2,973	+ 66.7	33,443	21,407	+56.2						
Total Domestic	32,837	31,087	+ 5.6	258,423	238,088	+ 8.5						
Injection Molding Grade	19,324	20,474	- 5.6	159,903	159,615	+ 0.2						
Extrusion Grade	9,876	8,621	+ 14.6	73,763	64,701	+14.0						
Resellers and Compounders	2,457	1,551	+ 58.4	17,101	9,790	+74.7						
All Other Uses	1,180	441	+167.6	7,656	3,980	+92.4						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Styrene Based Latexes sales includes some Canadian produced material.

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D = Disclosure

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	667,765	571,575	+16.8	4,654,606R	4,203,909	+10.7	661,362	591,151	+11.9	4,556,363R	4,152,234	+ 9.7
Homopolymer Resins Including Blending & Latex	620,773	526,992	+17.8	4,283,783R	3,854,714	+11.1	615,121	549,775	+11.9	4,194,950R	3,808,892	+10.1
Copolymer Resins Including Blending & Latex	15,424	14,772	+ 4.4	115,385R	121,592	- 5.1	14,324	14,729	- 2.7	116,518R	118,295	- 1.5
Dispersion Resins	31,568	29,811	+ 5.9	255,438	227,603	+12.2	31,917	26,647	+19.8	244,895	225,047	+ 8.8
Total Exports	36,131	27,365	+32.0	252,809R	192,174	+31.6						
Total Domestic	631,634	544,210	+16.1	4,401,797R	4,011,785	+ 9.7						
Calendering, Total	62,265	55,630	+11.9	440,252R	432,061	+ 1.9						
Flooring	15,259	12,002	+27.1	101,904R	98,955	+ 3.0						
Textile	6,549	6,655	- 1.6	64,764R	44,385	+45.9						
All Other Calendering Uses	40,457	36,973	+ 9.4	273,584R	288,721	- 5.2						
Coating, Total	26,430	24,825	+ 6.5	207,923R	183,476	+13.3						
Flooring	11,174	10,827	+ 3.2	90,568	78,640	+15.1						
Textile & Paper Coating	7,733	6,803	+13.7	61,518R	54,860	+12.1						
Protective Coatings	4,347	3,608	+20.5	29,021	26,872	+ 8.0						
Adhesives & All Other Coating Uses	3,176	3,587	-11.5	26,816	23,104	+16.2						
Extrusion, Total	445,137	389,820	+14.2	3,069,185R	2,778,738	+10.5						
Wire & Cable	32,412	25,617	+26.5	259,733R	240,930	+ 7.8						
Film & Sheet, Packaging	21,468	18,985	+13.1	159,601R	146,951	+ 8.6						
Film & Sheet, Non-Packaging	5,191	N/A		30,412	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	55,498	41,815	+32.7	361,337R	311,677	+15.9						
Rigid Pipe & Tubing (Except Fittings)	288,152	261,297	+10.3	1,960,567R	1,765,632	+11.0						
All Other Extrusions	42,416	42,106	+ 0.7	297,535R	313,548	- 5.1						
Molding, Total	40,270	31,619	+27.4	287,241R	289,687	- 0.8						
Bottles	11,433	7,059	+62.0	97,183	110,367	-11.9						
Fittings (Rigid Pipe & Tubing)	13,831	11,864	+16.6	86,986R	85,116	+ 2.2						
All Other Molding	15,006	12,696	+18.2	103,072	94,204	+ 9.4						
Paste Processes (Except Coating)	12,183	11,571	+ 5.3	95,309R	91,818	+ 3.8						
Plastisol Formulation	6,718	5,805	+15.7	50,565	45,599	+10.9						
All Other	5,465	5,766	- 5.2	44,744R	46,219	- 3.2						
Resellers & Compounders	28,498	24,758	+15.1	207,581R	163,098	+27.3						
All Other Uses	16,851	5,987	+181.5	94,306R	72,907	+29.4						

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R = Revision

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N/A = Not Comparable

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

JULY 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,218	57,164	-1.7	415,917	411,781	+1.0	56,218	57,164	-1.7	415,917	411,781	+1.0
Total Exports	495	236	+109.7	4,338	2,726	+59.1						
Total Domestic	55,723	56,928	-2.1	411,579	409,055	+0.6						
Emulsion Paints	19,579	19,899	-1.6	141,815	143,465	-1.2						
Adhesives, Caulks and Sealants	19,115	20,963	-8.8	146,300	150,772	-3.0						
Paper Treating & Paper Coating	8,458	8,919	-5.2	68,294	62,625	+9.1						
Textile Treating	4,008	2,679	+49.6	20,111	19,271	+4.4						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,563	4,468	+2.1	35,059	32,922	+6.5						
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)		D (4)	D (4)		D(4)	D(4)		D (4)	D (4)	
Total Exports	D(4)	D(4)		D (4)	D (4)							
Total Domestic	D(4)	D(4)		D (4)	D (4)							
OTHER VINYL RESINS*, TOTAL	17,087	15,764	+8.4	117,416	112,512	+4.4	17,875	14,307	+24.9	126,590	118,236	+7.1
Total Exports	7,618	4,936	+54.3	40,713	30,683	+32.7						
Total Domestic	9,469	10,828	-12.6	76,703	81,829	-6.3						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	133,461	99,556	+34.1	800,633	651,950	+22.8	119,796	100,584	+19.1	803,703	656,904	+22.3
Total Exports	21,698	14,510	+49.5	113,103	90,085	+25.6						
Total Domestic	111,763	85,046	+31.4	687,530	561,865	+22.4						
PET Bottle Grades	84,729	62,062	+36.5	496,787R	399,585	+24.3						
All Other Thermoplastic Polyester**	27,034	22,984	+17.6	190,743R	162,280	+17.5						

** = Includes All Other PET and All Injection Molding Grades

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

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R = Revision

D = Disclosure

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

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FOR THE MONTH AND PERIOD ENDED

JULY 31, 1987

APPARENT CONSUMPTION REPORT OF
THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: October 12, 1987

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

JULY 1987

RESIN KIND	JULY				YEAR TO DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	37	1	10	28	248	10	71	187	5%
POLYESTER (UNSATURATED) RESINS, TOTAL	112	1	4	109	805R	3	30	778	0%
UREA RESINS, TOTAL	110	2	1	111	797	17	5	809	2%
MELAMINE RESINS, TOTAL	16	0	2	14	122	3	9	116	3%
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	241	4	5	240	1,656R	27	32	1,651	2%
THERMOSETTING RESINS, TOTAL	516	8	22	502	3,628	60	147	3,541	2%
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	824	57	96	785	5,551R	459	602	5,408	8%
HIGH DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	698	7	78	627	4,482R	48	551	3,979	1%
POLYPROPYLENE, TOTAL	575	1	110	466	3,704R	9	821	2,892	0%
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	97	4	15	86	687	44	90	641	7%
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10	1	2	9	74	3	15	62	5%
OTHER STYRENICS	89	6	9	86	677	45	67	655	7%
POLYSTYRENE, TOTAL	392	1	11	382	2,751	10	85	2,676	0%
NYLON RESINS, TOTAL	43	4	11	36	297	28	55	270	10%
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	662	6	38	630	4,556R	91	255	4,392	2%
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56	2	3	55	415	17	24	408	4%
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	18	2	5	15	127	16	35	108	15%
THERMOPLASTIC POLYESTER, TOTAL	120	2	7	115	804	16	45	775	2%
THERMOPLASTIC RESINS, TOTAL	3,584	93	385	3,292	24,125R	786	2,645	22,266	4%
GRAND TOTAL	4,100	101	407	3,794	27,753R	846	2,792	25,807	3%

(1) = Except phenolic resins which are reported on a gross weight basis

D = Disclosure

R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Monthly totals and year-to-date totals may not agree due to government revisions and rounding.

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B